# MOHAMMED SHAKAWAT HOSSAIN

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## SUMMARY

Currently I am experiencing as Jr. Technical Documentation specialist at Orbund LLC, which is a Student Information System software company. My responsibilities include preparing user guides, tracing tickets using JIRA, making videos. I am an Electrical and Electronics Engineering student with experience in industrial Automation (on hand experience on Siemens S7-1200, 200 PLC, Mitsubishi PLC and Simatic HMI), Managing skills and MS office. I am quick thinker, problem solver and able to work under pressure.

## EXPERIENCE                                                    PERIOD

**Jr. Technical Documentation Specialist**          April, 2022 – PRESENT
Orbund LLC
Website: https://orbund.com/

**Assistant R&D Engineer**                          December, 2021 – February, 2022
Greentech Venture
Website: https://greentechsite.com/

**Intern**                                          July,2021 – Spetember,2021
Physical Plant & Infrastructure (Electrical) Division, AIUB

## EDUCATION                                                    YEAR

**Bachelor of Science in Electrical & Electronic Engineering**          2018 - 2021

American International University-Bangladesh

CGPA: 3.99/4

Elective Courses:
- Biomedical Measurement and Instrumentation
- Nanotechnology for Engineers.

**A level**                                          2015-2017
Bangladesh School Sohar, Oman (Edexcel)
GRADE: B, C, D

**O level**                                          2013-2015
Bangladesh School Sohar, Oman (Edexcel)
GRADE: 4A, C,2D

## ACHIEVEMENTS

- Maximum 70% scholarship during my Undergraduate study.
- Successfully published two research paper till date.
  - *A Study on the Aspects of 5G Implementation in Bangladesh.*
  - *Study of UWB Near Field Microwave Imaging System for the Diagnosis of Lungs Damage Due to Fluid Accumulations.*
- Two times "Dean's Award Winner" during my Undergraduate study.

## SKILLS

- **Automation software:** TIA portal, ISP soft, WPL soft
- **Automation Design:** DCS, SCADA, LADDER DIAGRAM, PLC-ARDUINO INTEGRATION
- **Electronic Design:** PORTEOUS DESIGN SUITE, EAGLE, CST (ANTENNA DESIGN)
- **Computer-aided Design:** AUTOCAD, FUSION360
- **Project Management Software:** JIRA, TRELLO
- **Simulation Software:** DSCH 3.5, NI MULTISM, ORCAD PSPICE, MATLAB SIMULINK
- **Programming Languages:** C, C++
- **Presentation and Documentation Tools:** MICROSOFT POWERPOINT, EXCEL, WORD

## PROJECTS

- Industrial Motor Synchronization.
  -Greentech project

- Industrial Motor Synchronization HMI design.
  -Greentech project

- Industrial Remote control system using NODE-RED.
  -Greentech project (Group Project)

- A Microwave imaging for Lung damage detection.
  -Under graduation Capstone Project

- Electrical Design of a three storied hypermarket.
  -Internship Task

- Electrical and layout design of my own house.
  -Internship Task

- Design of a Lift driving system using Thermocouple.
  -Course Project-Measurement and Instrumentation

- Smart helmet for bike riders.
  - Course Project- Microprocessor and embedded system

- Feedback amplifier design on PCB.
  - Course Project- Electronics Shop

## LANGUAGE

- Bangla (Native)
- English (Professional)
- Urdu (Moderate)
- Arabic (Moderate)

## SOFT SKILLS

Innovator, Research, Quick thinker, Quick learning, Decision Making, Team management, Leadership, Business Management Adaptability, and Self-Motivation.

## REFERENCES

**Dr. Md. Abdur Rahman**
Professor and Associate dean, Dept. of EEE
American International University-Bangladesh
arahman@aiub.edu

**Md. Saniat Rahman Zishan**
Associate Professor, Head of Dept. of EEE & COE
American International University-Bangladesh
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